

NC CCAP

FY2017 Average Costs

Best Management Practice	Components	Unit Type	All Areas Unit Cost	Cost Type	Share Rate	Cost Share Cap *	Notes
Abandoned well closure		Each		Actual Cost	75%	\$ 1,500	
Backyard rain garden							
	Excavation (including mobilization)	CuYd	\$ 67.50	Average Cost	75%	\$ 1,000	
	Bioretention soil amendment	CuYd	\$ 28.00	Average Cost	75%		
	Triple shredded hardwood mulch	CuYd	\$ 25.00	Average Cost	75%		
	Bioretention plants (installed)	SqFt	\$ 1.50	Average Cost	75%		
	Brick - 8"	Each	\$ 0.51	Average Cost	75%		
	Concrete block - 6" or 8"	Each	\$ 1.90	Average Cost	75%		
	Concrete block - 12"	Each	\$ 2.30	Average Cost	75%		
	Catch basin	Job		Actual Cost	75%	\$ 1,000	
	Sod (Bermuda, Centipede, Fescue)	SqFt	\$ 0.25	Average Cost	75%	\$ 25	Inlet & outlet only
	Sod (Zoysia)	SqFt	\$ 0.37	Average Cost	75%	\$ 25	Inlet & outlet only
	Matting - excelsior, installed	SqYd	\$ 0.95	Average Cost	75%		Includes pins & installation
	Turf Reinforced Matting	SqYd	\$ 5.50	Average Cost	75%		Includes pins & installation
	Vegetation (grass) - minimum	Job	\$ 15.00	Average Cost	75%		only necessary if adjacent areas are disturbed during installation
Backyard wetland							
	Excavation (including mobilization)	CuYd	\$ 67.50	Average Cost	75%	\$ 1,000	
	Wetland plants (installed)	SqFt	\$ 2.30	Average Cost	75%		
	Wetland outlet structure	Each	\$ 50.00	Average Cost	75%		
Cisterns							
	Cistern 250-3,000 gallons installed	Gallon	\$ 1.00	Average Cost	75%		
	Cistern above 3,000 gallons installed	Gallon		Actual Cost	75%		
	Accessories package	Each		Actual Cost	75%	\$ 700	
	Cistern gravel foundation	CuYd	\$ 37.80	Average Cost	75%		
	Concrete pad for cistern	CuYd	\$ 123.00	Average Cost	75%		
	Shipping charge	Each		Actual Cost	75%	\$ 500	
	Cistern (3,000+ gallons) - engineering	Job		Actual Cost	75%	\$ 5,000	
Critical area planting							
	Grading - minimum	Job	\$ 25.00	Average Cost	75%		
	Grading - light, 1" - 3" avg	SqFt	\$ 0.04	Average Cost	75%		
	Grading - medium, 3" - 6" avg	SqFt	\$ 0.05	Average Cost	75%		
	Grading - heavy, 6" - 9" avg	SqFt	\$ 0.06	Average Cost	75%		
	Grading - extra heavy, 9" - 12" avg	SqFt	\$ 0.07	Average Cost	75%		
	Grading - max heavy, more than 12" avg	SqFt	\$ 0.08	Average Cost	75%		
	Vegetation (grass) - minimum	Job	\$ 15.00	Average Cost	75%		
	Vegetation (grass)	SqFt	\$ 0.03	Average Cost	75%		
	Vegetation (trees/shrubs)	SqFt		Actual Cost	75%		
	Vegetation - mulch, netting	SqFt	\$ 0.07	Average Cost	75%		
	Vegetation - mulch, small grain straw	SqFt	\$ 0.02	Average Cost	75%		

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	Compost Blanket (see notes)	SqFt	\$ 0.20	Average Cost	75%		Includes mulch & seed
	Compost Sock (see notes)	LFt	\$ 3.00	Average Cost	75%		Includes mulch & seed
	Bioretention soil amendment	CuYd	\$ 28.00	Average Cost	75%		
	Triple shredded hardwood mulch	CuYd	\$ 25.00	Average Cost	75%		
	Sod (Bermuda, Centipede, Fescue)	SqFt	\$ 0.25	Average Cost	75%	\$ 250	
	Sod (Zoysia)	SqFt	\$ 0.37	Average Cost	75%	\$ 250	
	Hydroseeding	SqFt	\$ 0.12	Average Cost	75%		
	Matting - excelsior, installed	SqYd	\$ 0.95	Average Cost	75%		
Diversion		Feet					
	Excavation (including mobilization)	SqFt		Actual Cost	75%	\$2.50/SqFt	
	Vegetation (grass)	SqFt	\$ 0.03	Average Cost	75%		
	Filter cloth-geotextile fabric	SqYd	\$ 2.25	Average Cost	75%		Includes pins & installation
	Vegetation - mulch, netting	SqFt	\$ 0.07	Average Cost	75%		
	Vegetation - mulch, small grain straw	SqFt	\$ 0.02	Average Cost	75%		
	Matting - excelsior, installed	SqYd	\$ 0.95	Average Cost	75%		Includes pins & installation
	Sod (Bermuda, Centipede, Fescue)	SqFt	\$ 0.25	Average Cost	75%		
	Sod (Zoysia)	SqFt	\$ 0.37	Average Cost	75%		
	Turf Reinforced Matting	SqYd	\$ 5.50	Average Cost	75%		Includes pins & installation
	Temporary liners	SqYd		Actual Cost	75%	\$5.50/SqYd	Includes pins & installation
	Rip rap (based on PE design)	Ton	\$ 24.00	Average Cost	75%		includes Class A,B,1,2
	Pipe (based on PE design)			Refer to ACSP			
	Diversion - engineering	Job		Actual Cost	75%	\$ 5,000	
Grassed Swale		SqFt					
	Excavation (including mobilization)	SqFt		Actual Cost	75%	\$2.50/SqFt	
	Vegetation (grass)	SqFt	\$ 0.03	Average Cost	75%		
	Filter cloth-geotextile fabric	SqYd	\$ 2.25	Average Cost	75%		Includes pins & installation
	Vegetation - mulch, netting	SqFt	\$ 0.07	Average Cost	75%		
	Vegetation - mulch, small grain straw	SqFt	\$ 0.02	Average Cost	75%		
	Matting - excelsior, installed	SqYd	\$ 0.95	Average Cost	75%		Includes pins & installation
	Sod (Bermuda, Centipede, Fescue)	SqFt	\$ 0.25	Average Cost	75%		
	Sod (Zoysia)	SqFt	\$ 0.37	Average Cost	75%		
	Turf Reinforced Matting	SqYd	\$ 5.50	Average Cost	75%		Includes pins & installation
	Temporary Liners	SqYd		Actual Cost	75%	\$5.50/SqYd	Includes pins & installation
	Rip rap (based on PE design)	Ton	\$ 24.00	Average Cost	75%		includes Class A,B,1,2
	Pipe (based on PE design)			refer to ACSP PY13 cost list			
	Earth fill - hauled	CuYd		Actual Cost	75%	\$9/CuYd	
	Grassed swale - engineering (if PE required)	Job		Actual Cost	75%	\$ 5,000	

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Impervious surface conversion	conversion to trees	SqFt	\$ 6.00	Average Cost	75%		
	conversion to grass	SqFt	\$ 4.00	Average Cost	75%		
Permeable pavement		SqFt	\$ 12.00	Average Cost	75%		
	Permeable pavement - engineering	Job		Actual Cost	75%	\$ 5,000	
Pet waste receptacle		Each					
	Receptacle (installed)	Each		Actual Cost	75%	\$ 400	
	Receptacle (retrofit of existing trash can)	Each		Actual Cost	75%	\$ 100	
	Plastic bags (per receptacle at time of original contracts)			Actual Cost	75%	\$ 75	
Riparian buffer		SqFt		Actual Cost	75%		
Stream restoration		Feet		Actual Cost	75%		
	Stream restoration - engineering	Job		Actual Cost	75%	\$ 5,000	
Streambank and shoreline protection		Feet		Actual Cost	75%		
Bioretention areas		SqFt		Actual Cost	75%		
	Bioretention areas - engineering	Job		Actual Cost	75%	\$ 5,000	
Stormwater wetlands		SqFt		Actual Cost	75%		
	Stormwater wetlands - engineering	Job		Actual Cost	75%	\$ 5,000	
Marsh sills		Feet		Actual Cost	75%	\$ 5,000	
Structural Stormwater Conveyance		Each		Actual Cost	75%	\$ 4,000	
	Structural stormwater conveyance - engineering	Job		Actual Cost	75%	\$ 5,000	
The cost share cap listed above is the maximum amount of cost share reimbursement allowed.							